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Orig.: French

STATISTICAL ASPECTS OF ELECTRICITY SUPPLY AND DEMAND IN 1981

The trends which had already been apparent in 1980 came to the fore in 1981 and, for the second year in succession, there was a very slight increase (0.1%) in net consumption (inclusive of losses) for the Community as a whole (EUR 10). Beneath this overall figure, however, lies a substantial spread of values at the national level, ranging from + 3.8 % in France to - 5.5 % in Luxembourg and - 2.3 % in the United Kingdom, this latter country showing a negative figure for the second year running. The downward trend was a common to all countries.

This marked slide in consumption is the result of the recession caused mainly by the decline in industrial activity. Net consumption for the ten-strong Community came to 1 216 000 million kWh in 1981.

Total net production was 1 203 000 million kWh, i.e. 0.4 % down on 1980. A breakdown of this overall figure reveals very varying trends as regards the different sources of energy, with hydroelectricity up 2 %, nuclear power up 34 % and conventionally-generated power down 6 %, the latter thus accounting for only 71 % of total production, compared with 75 % in 1980.

This decrease affected mainly petroleum products. On the other hand, the inroads made by nuclear energy, particularly in France, meant that it overtook hydroelectricity for the first time and covered more than 16 % of the total Community requirement in 1981.

ELECTRIZITAET

Vorläufige Angaben 1981
in Milliarden kWh

ELECTRICAL ENERGY

Provisional data 1981
thousand millions of kWh

ENERGIE ELECTRIQUE

Données provisoires 1981
en milliards de kWh

	EUR 10	BR DEUTSCHLAND	FRANCE	ITALIA	NEDERLAND	BELGIQUE BELGIÉ	LUXEMBOURG	UNITED KINGDOM	IRELAND	DANMARK	ELLAS
NETTOVERBRAUCH (einschl. Verluste)			NET CONSUMPTION (including losses)					CONSOMMATION NETTE (pertes comprises)			
1979	1 207,1	349,0	235,6	175,4	61,9	48,0	3,6	278,7	9,8	24,2	20,1
1980	1 214,2	351,4	248,7	180,3	61,7	47,6	3,6	264,9	9,8	24,3	21,1
1981	1 215,8	352,0	258,1	179,3	61,1	47,6	3,4	258,7	9,7	23,9	21,1
1980/79	+ 0,6%	+ 0,7%	+ 5,6%	+ 2,8%	- 0,3%	- 0,6%	+ 0,8%	- 5,0%	-	+ 0,3%	+ 4,1%
1981/80	+ 0,1%	+ 0,2%	+ 3,8%	- 0,6%	- 1,0%	-	- 5,5%	- 2,3%	- 1,0%	- 1,6%	-
GESAMT-NETTOERZEUGUNG			TOTAL NET PRODUCTION					PRODUCTION TOTALE NETTE			
1979	1 199,7	350,5	231,0	173,3	61,8	44,6	1,3	280,3	10,4	20,8	20,1
1980	1 207,3	347,5	246,6	177,4	62,0	51,0	1,1	266,3	10,3	23,9	21,1
1981	1 202,9	346,5	264,1	173,4	61,3	48,1	1,2	259,9	10,3	16,5	21,1
1980/79	+ 0,6%	- 0,8%	+ 6,7%	+ 2,4%	+ 0,3%	+14,3%	-15,3%	- 5,0%	+ 9,6%	+14,9%	+ 2,1%
1981/80	- 0,4%	- 0,3%	+ 7,1%	- 2,2%	- 1,2%	- 5,7%	+10 %	- 2,4%	-	-30,9%	+ 1,1%
DAVON : HERKOEMLISCHE WAERMEKRAFTWERKE			OF WHICH : CONVENTIONAL THERMAL					SOIT : THERMIQUE CLASSIQUE			
1980	909,2	287,8	118,8	125,5	58,1	38,3	0,8	228,9	9,2	23,9	17,1
1981	850,8	277,5	92,0	122,9	57,8	34,9	0,6	221,1	9,1	16,5	18,1
1981/80	- 6,4%	- 3,6%	-22,6%	- 2,1%	- 0,5%	- 8,9%	-20 %	- 3,4%	-10 %	-31 %	+ 2,1%
WASSERKRAFTWERKE *)			HYDROELECTRICAL *)					HYDRAULIQUE *)			
1980	148,8	18,4	69,8	49,8	-	0,8	0,3	5,1	1,1	-	-
1981	151,6	19,4	72,6	48,0	-	1,0	0,6	5,5	1,2	-	-
1981/80	+ 1,9%	+ 5,4%	+ 4,0%	- 3,6%	-	+25 %	+100 %	+ 7,8%	+ 9 %	-	-
KERNENERGIE			NUCLEAR					NUCLEAIRE			
1980	149,4	41,3	57,9	2,1	3,9	11,9	-	32,3	-	-	-
1981	200,5	49,6	99,5	2,5	3,5	12,2	-	33,2	-	-	-
1981/80	+34,2%	+20,1%	+71,8%	+19,0%	-10,0%	+ 2,5%	-	+ 2,8%	-	-	-
ANTEIL DER KERNENERGIE AN DER GESAMTEN ERZEUGUNG			SHARE OF NUCLEAR PRODUCTION IN TOTAL PRODUCTION					PART DU NUCLEAIRE DANS LA PRODUCTION TOTALE			
1980	12,4%	11,9%	23,5%	1,2%	6,4%	23,3%	-	12,1%	-	-	-
1981	16,7%	14,3%	37,7%	1,5%	5,7%	25,3%	-	12,7%	-	-	-
ANTEIL DER HERKOEML. WAERMEKRAFTWERKE DER GESAMTEN ERZEUGUNG			SHARE OF CONVENTIONAL THERMAL PRODUCTION IN TOTAL PRODUCTION					PART DU THERMIQUE CLASSIQUE DANS LA PRODUCTION TOTALE			
1980	75,3%	82,8%	48,2%	70,7%	93,7%	75,1%	72,7%	85,9%	89,3 %	100,0%	-
1981	70,7%	80,1%	34,8%	70,9%	94,3%	72,6%	50,0%	85,1%	88,3%	100,0%	-

*) Einschliesslich der Erzeugung aus Erdwärme
in Italien

*) Including geothermal production
in Italy

*) Y compris la production
géothermique en Italie